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Raspberry Pi 3 PiStation Case

samhazel March 12, 2018 Remixed 42 1K 3

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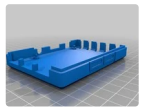

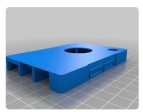

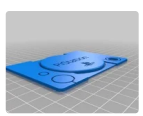

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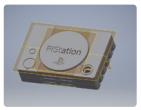

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Summary

PiStation: the raspberry pi case for my retropie project. I give credit to "jhample" for the core design of this project because I used his design as a model for my own. This is a completely rebuilt model that can accept a 30mm cooling fan and a small power button. The logo has been updated to reflect the playstation theme. The case has been split up into three pieces for printing without supports. The lid and top can be glued together or acetone welded if using ABS. I opted to use PLA in later iterations. The bottom half has 1/4" cutouts for rubber mounts. The fan uses the PiStation text cutout as a intake and exhausts to right side vents. This was designed using autodesk inventor '16 and sliced in slicer prusa edition / prusa control. I have included some wiring diagrams that I used for the project.

Power Button: http://a.co/35C7Zkk

30mm Fan: https://www.ebay.com/itm/4-Pcs-5V-12V-24V-30mm-Cooling-Computer-Fan-3010-30x30x10mm-DC-3D-Printer-2-Pin/112488104175?hash=item1a30d040ef:m:mOQYZWHfCC3kJHX8DhcKgQg:sc:USPSFirstClass!48910!US!-1

Print Settings

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  Prusa
- Printer:
  i3 MK2S
- Rafts:
  No
- Supports:
  No
- Resolution:
  0.15
- Infill:
  20%

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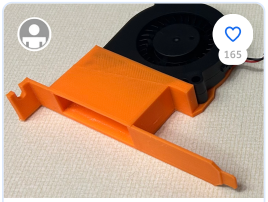

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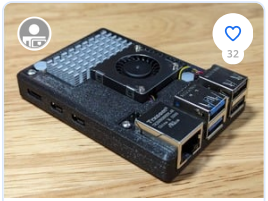

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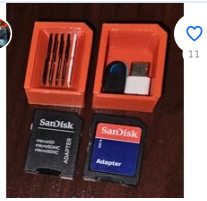

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